

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant	:	Howard Federoff)	Examiner:
)	J. Martin
Serial No.	:	Continuation of 08/747,328)	
Cnfrm. No.	:	To Be Assigned)	Art Unit:
)	1632
Filed	:	Herewith)	
)	
For	:	PRODUCTION OF SOMATIC MOSAICISM IN)	
		MAMMALS USING A RECOMBINATORIAL)	
		SUBSTRATE)	

10974 U.S. PTO
09/054869
06/14/01

INFORMATION DISCLOSURE STATEMENT
UNDER 37 CFR §§ 1.97-1.98

Assistant Commissioner for Patents
Washington, D.C. 20231
Box: Patent Application

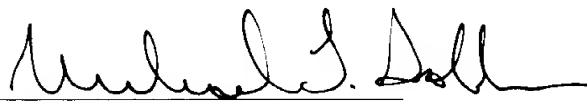
Dear Sir:

Pursuant to 37 CFR §§ 1.97-1.98, applicant hereby brings to the attention of the United States Patent and Trademark Office, the enclosed references listed on the attached PTO-1449 form.

Pursuant to 37 CFR § 1.98(d), the references identified on the attached PTO-1449 form are not provided, because these references either were previously cited by or submitted to the PTO in parent U.S. Patent Application Serial No. 08/747,328, filed November 12, 1996, of which this application claims priority under 35 USC § 120.

Respectfully submitted,

Date: May 11, 2001


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U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use several sheets if necessary) (PTO-1449)	ATTY. DOCKET NO. 176/60088 (6-11406-600)	SERIAL NO. Continuation of 08/747,328
	APPLICANT Howard Federoff	
	FILING DATE Herewith	GROUP ART UNIT 1632

10974 U.S. PTO
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 05/14/01

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPRO- PRIATE
dc	1	4,959,317	09/25/1990	Sauer			
dc	2	5,527,695	06/18/1996	Hodges et al.			
dc	3	5,962,315	10/05/99	Beach			

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANS- LATION IF APPRO- PRIATE

OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, Etc.)

dc	4	Dale et al., "Gene Transfer With Subsequent Removal of the Selection Gene from the Host Genome," <u>Proc. Natl. Acad. Sci. U.S.A.</u> , 88:10558-10562 (1991)
	5	Jayram, "Mechanism of Site-Specific Recombination: The Flp Paradigm," <u>Nucleic Acids and Molecular Biology</u> , 8:268-286 (1994)
	6	Smith et al., "A Site-Directed Chromosomal Translocation Induced in Embryonic Stem Cells by Cre-loxP Recombination," <u>Nature Genetics</u> , 9:376-385 (1995)
	7	Lasko et al., "Targeted Oncogene Activation by Site-Specific Recombination in Transgenic Mice," <u>Proc. Nat'l Acad. Sci. USA</u> , 89:6232-36 (1992)
dc	8	Orban et al., "Tissue- and Site-Specific DNA Recombination in Transgenic Mice," <u>Proc. Nat'l Acad. Sci. USA</u> , 89:6861-65 (1992)
EXAMINER <i>Deborah Cronch</i>		DATE CONSIDERED <i>5/22/03</i>
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.		

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dc	9	K. Araki et al., "Site-Specific Recombination of a Transgene in Fertilized Eggs by Transient Expression of Cre Recombinase," <u>Proc. Natl. Acad. Sci. U.S.A.</u> , 92: 160-164 (1995)
	10	Baubonis et al., "Genomic Targeting with Purified Cre Recombinase," <u>Nucleic Acids Research</u> Vol. 21, No. 9 2025-2029 (1993)
	11	Wall J. R., "Transgenic Livestock: Progress and Prospects for the Future," <u>Theriogenology</u> 45: 57-68 (1996)
	12	Orkin et al., "Report and Recommendations of the Panel to Assess the NIH Investment in Research on Gene Therapy," Distributed by the National Institutes of Health, Bethesda MD (12/07/95)
	13	Krimpenfort et al., "Generation of Transgenic Dairy Cattle Using 'In Vitro' Embryo Production," <u>Bio/Technology</u> 9:844-847 (1991)
	14	O' Gorman et al., "Recombinase-Mediated Gene Activation and Site-Specific Integration in Mammalian Cells," <u>Science</u> 251: 1351-1355 (1991)
	15	Bradley et al., "Modifying the Mouse: Design and Desire," <u>Bio/Technology</u> 10:534-539 (1992)
	16	Hogan et al., "Manipulating the Mouse Embryo," <u>Cold Spring Harbor Publishing</u> pp. 88 and 188 (1986)
dc	17	Sambrook et al., "Molecular Cloning : A Laboratory Manual," <u>Cold Spring Harbor Laboratory Press</u> pp 9.31-9.57 and 18.60-18.61 (1989)

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	APPLICANT Howard Federoff	
	FILING DATE May 14, 2001	GROUP ART UNIT 1632



U.S. PATENT DOCUMENTS

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AC	2	Mukherjee et al., "Somatic Gene Delivery to Generate Gain of Function NGF Mosaicism," Society for Neuroscience Abstracts 21:1-3 (1995)
	3	Gu et al., "Independent Control of Immunoglobulin Switch Recombination at Individual Switch Regions Evidenced Through Cre-loxP-Mediated Gene Targeting," <i>Cell</i> 73:1155-1164 (1993)
	4	Pichel et al., "Timing of SV40 Oncogene Activation by Site-Specific Recombination Determines Subsequent Tumor Progression During Murine Lens Development," <i>Oncogene</i> 8:3333-3342 (1993)
	5	Anton et al., "Site-Specific Recombination Mediated by an Adenovirus Vector Expressing the Cre Recombinase Protein: A Molecular Switch for Control of Gene Expression," <i>Journal of Virology</i> 69(8):4600-4606 (1995)
	6	Rohlmann et al., "Sustained Somatic Gene Inactivation by Viral Transfer of Cre Recombinase," <i>Nature Biotechnology</i> 14(11): 1562-1565 (1996)
AC	7	Brooks et al., "Nerve Growth Factor Somatic Mosaicism Produced by Herpes Virus-Directed Expression of Cre Recombinase In Mice Harboring a Recombinational Substrate," <i>Society for Neuroscience Abstracts</i> 22(1-3):303 (abstract only)
EXAMINER Nehorah Cronch		DATE CONSIDERED 5/22/03

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